

<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
<b>1</b>	<b>5716</b>	<b>((cholesteric bistable) and ((liquid adj crystal adj display) or (LCD)))</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:41</b>
<b>2</b>	<b>60</b>	<b>((cholesteric bistable) and ((liquid adj crystal adj display) or (LCD))) and (voltage near2 divider)</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:23</b>
<b>3</b>	<b>1062061</b>	<b>(voltage near2 divider) and LCD display</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:20</b>
<b>4</b>	<b>1955</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider)</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:23</b>
<b>5</b>	<b>611</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider) and (voltage near3 select\$4)</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:21</b>
<b>6</b>	<b>70</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider) and ((voltage near3 select\$4)near4 switch)</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:22</b>
<b>7</b>	<b>55</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider) and ((voltage near3 select\$4)near4 switch)</b>	<b>USPAT</b>	<b>2004/01/19 12:22</b>
<b>8</b>	<b>1563</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider)</b>	<b>USPAT</b>	<b>2004/01/19 12:24</b>
<b>9</b>	<b>2</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider) and (row near3 divider) and (column near3 divider)</b>	<b>USPAT</b>	<b>2004/01/19 12:25</b>
<b>10</b>	<b>4</b>	<b>((liquid adj crystal adj display) or (LCD)) and (voltage near2 divider) and (row near5 divider) and (column near5 divider)</b>	<b>USPAT</b>	<b>2004/01/19 12:40</b>
<b>11</b>	<b>52687</b>	<b>voltage near2 divid\$3</b>	<b>USPAT</b>	<b>2004/01/19 12:41</b>
<b>12</b>	<b>254646</b>	<b>(cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display)</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:42</b>
<b>13</b>	<b>4918</b>	<b>(voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:42</b>
<b>14</b>	<b>1404</b>	<b>((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (voltage near3 (selector switch))</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 12:43</b>
<b>15</b>	<b>10</b>	<b>((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (row near6 (voltage near4 divid\$3)) and (column near6 voltage near2 divid\$3)</b>	<b>USPAT; US-PGPUB; DERWENT</b>	<b>2004/01/19 13:11</b>

16	970	((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (voltage near3 (selector switch))) and ((two second) near3 (voltage))	USPAT; US-PGPUB; DERWENT	2004/01/19 12:48
17	3	((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (voltage near3 (selector switch))) and ((two second) near3 (voltage)) and (row near6 (voltage near4 divid\$3)) and (column near6 voltage near2 divid\$3)	USPAT; US-PGPUB; DERWENT	2004/01/19 12:47
18	216	((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (voltage near3 (selector switch))) and ((two second) near3 (voltage) near3 level)	USPAT; US-PGPUB; DERWENT	2004/01/19 12:49
19	216	((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (voltage near3 (selector switch))) and ((two second) near3 (voltage) near3 level)	USPAT	2004/01/19 12:48
20	102	((voltage near2 divid\$3) and ((cholesteric bistable) or ((liquid adj crystal adj display) or (LCD)) or ((matrix array TFT) near3 display))) and (voltage near3 (selector switch))) and ((two) near3 (voltage) near3 level)	USPAT; US-PGPUB; DERWENT	2004/01/19 12:49
22	13	(LED LCD) and (row near6 (voltage near4 divid\$3)) and (column near6 voltage near2 divid\$3)	USPAT; US-PGPUB; DERWENT	2004/01/19 13:23
23	0	hawakami	JPO	2004/01/19 13:24
24	10	hawakami	USPAT; US-PGPUB; JPO; DERWENT	2004/01/19 13:52
25	1056	voltage near3 selection near3 circuit	USPAT	2004/01/19 13:53
26	155	(voltage near3 selection near3 circuit) and voltage near2 dividers	USPAT	2004/01/19 13:53
27	15	((voltage near3 selection near3 circuit) and voltage near2 dividers) and (two near3 voltage near4 level)	USPAT	2004/01/19 13:58
28	75	((voltage near3 selection near3 circuit) and voltage near2 dividers) and (two near3 (voltage level))	USPAT	2004/01/19 13:59
29	2	((voltage near3 selection near3 circuit) and voltage near2 dividers) and (two near3 (voltage level))) and (low near3 cost)	USPAT	2004/01/19 14:31
30	30	5,798,752 6,232,957	USPAT	2004/01/19 14:31

31	2	5,798,752.pn. 6,232,957.pn.	USPAT	2004/01/19 15:39
32	1	5644330.pn.	USPAT	2004/01/19 15:42
33	1	6388650.pn.	USPAT	2004/01/19 15:43
-	2537946	cholesteric liquid crystal display	USPAT; US-PGPUB; DERWENT	2003/03/10 15:30
-	182	cholesteric adj liquid adj crystal adj display	USPAT; US-PGPUB; DERWENT	2003/03/10 15:31
-	33	(cholesteric adj liquid adj crystal adj display) and 345/\$.ccls.	USPAT; US-PGPUB; DERWENT	2003/03/10 15:31
-	210	cholesteric adj ((liquid adj crystal adj display) or (LCD))	USPAT; US-PGPUB; DERWENT	2003/03/11 14:00
-	68	(cholesteric adj ((liquid adj crystal adj display) or (LCD))) and (cholesteric adj ((liquid adj crystal adj display) or (LCD))).ti.	USPAT; US-PGPUB; DERWENT	2003/03/11 14:00
-	62	(cholesteric adj ((liquid adj crystal adj display) or (LCD))).ab.	USPAT; US-PGPUB; DERWENT	2003/03/11 14:08
-	5	(cholesteric adj ((liquid adj crystal adj display) or (LCD))) and (voltage adj divide\$1)	USPAT; US-PGPUB; DERWENT	2003/03/11 14:59
-	138	(cholesteric adj ((liquid adj crystal adj display) or (LCD))) and driv\$3	USPAT; US-PGPUB; DERWENT	2003/03/11 14:14
-	656	345/95	USPAT; US-PGPUB; DERWENT	2003/03/11 14:59
-	1	345-34	USPAT; US-PGPUB; DERWENT	2003/03/11 15:00
-	214	345/34	USPAT; US-PGPUB; DERWENT	2003/03/11 15:00
-	127	345/35	USPAT; US-PGPUB; DERWENT	2003/03/11 15:00
-	371	345/50	USPAT; US-PGPUB; DERWENT	2003/03/11 15:00
-	2	5699074.pn.	USPAT; US-PGPUB; DERWENT	2003/03/17 13:26
-	3	3877017.pn.	USPAT; US-PGPUB; DERWENT	2003/03/17 13:27
-	0	("5503952 4435047 5437811 5251048 5644330 5695682 5453863 5748277").PN.	USPAT; US-PGPUB; DERWENT	2003/03/17 13:28

-	0	("5503952 or 4435047 or 5437811 or 5251048 or 5644330 or 5695682 or 5453863 or 5748277").PN.	USPAT; US-PGPUB; DERWENT	2003/03/17 13:28
-	0	("5503952, 4435047, 5437811, 5251048, 5644330, 5695682, 5453863 or 5748277").PN.	USPAT; US-PGPUB; DERWENT	2003/03/17 13:29
-	17	((("5503952") or ("4435047") or ("5437811") or ("5251048") or ("5644330") or ("5695682") or ("5453863") or ("5748277")).PN.	USPAT; US-PGPUB; DERWENT	2003/03/17 13:29
-	0	("cholestericnear6display").PN.	USPAT	2003/09/22 14:07
-	597	cholesteric near5 display	USPAT	2003/09/22 14:07
-	11	(cholesteric near5 display) and (voltage near4 (divide divider dividing))	USPAT	2003/09/22 17:41
-	409	cholesteric near3 display	USPAT	2003/09/22 17:46
-	23	(cholesteric near3 display) and (kent adj state)	USPAT	2003/09/22 17:41
-	6	(cholesteric near3 display) and (voltage adj (circuit))	USPAT	2003/09/22 17:46
-	10	(cholesteric near3 display) and (voltage near2 (divide divider))	USPAT	2003/09/22 17:48
-	800	(cholesteric near3 (display) or chLCD)	USPAT; US-PGPUB; DERWENT	2003/09/23 10:16
-	12	((cholesteric near3 (display) or chLCD)) and (voltage near2 (divide dividing divider))	USPAT; US-PGPUB; DERWENT	2003/09/23 10:16
-	1358	((cholesteric near3 (display)) (bistable near3 display) chLCD)	USPAT; US-PGPUB; DERWENT	2003/09/23 10:16
-	31	((cholesteric near3 (display)) (bistable near3 display) chLCD)) and (voltage near2 (divide dividing divider))	USPAT; US-PGPUB; DERWENT	2003/09/23 10:17
-	1358	((cholesteric near3 (display)) (bistable near3 display) chLCD)	USPAT; US-PGPUB; DERWENT	2003/09/23 11:29
-	31	((cholesteric near3 (display)) (bistable near3 display) chLCD)) and (voltage near2 (divide divider dividing))	USPAT; US-PGPUB; DERWENT	2003/09/23 11:52
-	800	((cholesteric near3 (display)) chLCD)	USPAT; US-PGPUB; DERWENT	2003/09/23 11:29
-	12	((cholesteric near3 (display)) chLCD)) and (voltage near2 (divide divider dividing))	USPAT; US-PGPUB; DERWENT	2003/09/23 11:29
-	75	((cholesteric near3 (display)) chLCD)) and (voltage near2 (divide divider dividing select selection selecting))	USPAT; US-PGPUB; DERWENT	2003/09/23 11:30
-	27	((cholesteric near3 (display)) (bistable near3 display) chLCD)) and (voltage near2 (divide divider dividing))	USPAT	2003/09/23 11:52

-	2	6198466.pn.	USPAT; US-PGPUB; DERWENT	2003/09/23 14:05
-	2326	(cholesteric bistable) and (voltage near3 divid\$3)	USPAT; US-PGPUB; DERWENT	2004/01/16 17:08
-	177	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)	USPAT; US-PGPUB; DERWENT	2004/01/16 14:33
-	151	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)	USPAT	2004/01/16 14:22
-	26	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)) and (select\$3 near3 circuit)	USPAT	2004/01/16 14:22
-	83	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)) and (two near5 voltage)	USPAT; US-PGPUB; DERWENT	2004/01/16 14:28
-	7	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)) and (two near5 voltage)) and ((row column) near6 (divid\$4))	USPAT; US-PGPUB; DERWENT	2004/01/16 14:28
-	7	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)) and unipolar	USPAT; US-PGPUB; DERWENT	2004/01/16 14:31
-	5	((cholesteric bistable) and (voltage near3 divid\$3)) and (liquid near3 crystal)) and unipolar	USPAT; DERWENT	2004/01/16 14:32
-	186	((cholesteric bistable) and (voltage near3 divid\$3)) and ((liquid near3 crystal) LCD)	USPAT; US-PGPUB; DERWENT	2004/01/16 14:33
-	72	((cholesteric bistable) and (voltage near3 divid\$3)) and ((liquid near3 crystal) LCD)) and (two near3 voltage) and (voltage divi\$4)	USPAT; US-PGPUB; DERWENT	2004/01/16 14:34
-	60	((cholesteric bistable) and (voltage near3 divid\$3)) and ((liquid near3 crystal) LCD)) and (two near3 voltage) and (voltage divi\$4)	USPAT	2004/01/16 14:35
-	60	((cholesteric bistable) and (voltage near3 divid\$3)) and ((liquid near3 crystal) LCD)) and (two near3 voltage) and (voltage near4 divi\$4)	USPAT	2004/01/16 14:35
-	9025	(cholesteric bistable) and ((liquid near3 crystal) LCD)	USPAT; US-PGPUB; DERWENT	2004/01/16 16:04
-	215	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)	USPAT; US-PGPUB; DERWENT	2004/01/16 15:40
-	205	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)) and (second two near3 (voltage))	USPAT; US-PGPUB; DERWENT	2004/01/16 14:44
-	178	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)) and (second two near3 (voltage))	USPAT	2004/01/16 14:43

-	120	(((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)) and ((second two) near3 (voltage))	USPAT; US-PGPUB; DERWENT	2004/01/16 14:46
-	7	(((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)) and ((second two) near3 (voltage))) and unipol\$3	USPAT; US-PGPUB; DERWENT	2004/01/16 14:46
-	184	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)	USPAT	2004/01/16 15:54
-	25	(((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)) and passive	USPAT	2004/01/16 15:41
-	95	(((cholesteric bistable) and ((liquid near3 crystal) LCD)) and (voltage near3 divi\$5)) and (voltage near3 select\$4)	USPAT	2004/01/16 15:52
-	20	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and ((two second) near5 voltage near3 divi\$5)	USPAT	2004/01/16 15:55
-	12	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and ((two second) near3 (voltage near3 divi\$5))	USPAT	2004/01/16 15:56
-	4	((cholesteric bistable) and ((liquid near3 crystal) LCD)) and ((row column) near3 (voltage near3 divi\$5))	USPAT	2004/01/16 15:56
-	5177	(cholesteric bistable) and (display.ab.)	USPAT; US-PGPUB; DERWENT	2004/01/16 16:41
-	1271	((cholesteric bistable) and (display.ab.)) and (voltage near4 driv\$3)	USPAT; US-PGPUB; DERWENT	2004/01/16 16:05
-	114	(((cholesteric bistable) and (display.ab.)) and (voltage near4 driv\$3)) and (voltage near3 divi\$6)	USPAT; US-PGPUB; DERWENT	2004/01/16 16:11
-	97	(((cholesteric bistable) and (display.ab.)) and (voltage near4 driv\$3)) and (voltage near3 divi\$6)	USPAT; DERWENT	2004/01/16 16:09
-	4	(((cholesteric bistable) and (display.ab.)) and (voltage near4 driv\$3)) and (voltage near3 divi\$6)) and ((one near2 pole) unipol unipolar)	USPAT; DERWENT	2004/01/16 16:09
-	215	((cholesteric bistable) and (display.ab.)) and (voltage near3 divi\$6)	USPAT; US-PGPUB; DERWENT	2004/01/16 16:11
-	123	(((cholesteric bistable) and (display.ab.)) and (voltage near3 divi\$6)) and ((two second) near4 (voltage))	USPAT; US-PGPUB; DERWENT	2004/01/16 16:11
-	105	(((cholesteric bistable) and (display.ab.)) and (voltage near3 divi\$6)) and ((two second) near4 (voltage))	USPAT	2004/01/16 16:22
-	105	(((cholesteric bistable) and (display.ab.)) and (voltage near3 divi\$6)) and ((two second) near4 (voltage))) and (driv\$3 ajd circuit)	USPAT	2004/01/16 16:23

-	45	((((cholesteric bistable) and (display.ab.)) and (voltage near3 divi\$6)) and ((two second) near4 (voltage))) and (driv\$3 adj circuit)	USPAT	2004/01/16 16:23
-	32	("3837730"   "4239345"   "4333708"   "4367924"   "4411496"   "4505548"   "4529271"   "4566758"   "4582396"   "4601542"   "4601543"   "4601544"   "4634229"   "4664483"   "4701026"   "4717243"   "4770500"   "4850676"   "5095376"   "5189535"   "5196738"   "5251048"   "5287205"   "5337070"   "5343217"   "5404150"   "5488499"   "5563427"   "5594464"   "5684503"   "5835075"   "5900852").PN.	USPAT	2004/01/16 16:35
-	117	((cholesteric bistable) and (display.ab.)) and (voltage adj divider)	USPAT; US-PGPUB; DERWENT	2004/01/16 16:42
-	109	((cholesteric bistable) and (display.ab.)) and (voltage adj divider)	USPAT	2004/01/16 16:44
-	1	((((cholesteric bistable) and (display.ab.)) and (voltage adj divider)) and (voltage adj selector)	USPAT	2004/01/16 16:43
-	0	((cholesteric bistable) and (display.ab.)) and (row near4 (voltage adj divider)) and (column near4 (voltage adj divider))	USPAT	2004/01/16 16:44
-	29	(cholesteric) and (voltage adj divider)	USPAT; US-PGPUB; DERWENT	2004/01/16 17:30
-	26	(cholesteric) and (voltage adj divider)	USPAT; DERWENT	2004/01/16 17:16
-	43	(cholesteric) and (four near3 voltage)	USPAT; DERWENT	2004/01/16 17:16
-	394	(cholesteric) and (two near3 voltage)	USPAT; DERWENT	2004/01/16 17:16
-	7	(cholesteric) and (two near3 voltage) and (voltage adj divider)	USPAT; DERWENT	2004/01/16 17:17
-	0	(cholesteric) and (voltage adj divider)	JPO	2004/01/16 17:23
-	26	(cholesteric) and (voltage adj divider)	USPAT	2004/01/16 17:27
-	1749	bistable and (voltage adj divider)	USPAT	2004/01/16 17:27
-	24	(bistable near4 display) and (voltage adj divider)	USPAT	2004/01/16 17:27
-	1443	(cholesteric bistable) near3 (display)	USPAT; US-PGPUB; DERWENT	2004/01/16 17:30
-	448	((cholesteric bistable) near3 (display)) and LCD	USPAT; US-PGPUB; DERWENT	2004/01/16 17:31
-	1230	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal))	USPAT; US-PGPUB; DERWENT	2004/01/16 17:31

-	1154	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))	USPAT; US-PGPUB; DERWENT	2004/01/16 17:50
-	117	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and ((row column) near3 (voltage))	USPAT; US-PGPUB; DERWENT	2004/01/16 17:32
-	74	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and ((row near3 voltage) and (column near3 voltage))	USPAT; US-PGPUB; DERWENT	2004/01/16 17:33
-	45	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and ((row near3 voltage) and (column near3 voltage))	USPAT; DERWENT	2004/01/16 17:36
-	40	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and ((row near3 voltage) and (column near3 voltage))	USPAT	2004/01/16 17:33
-	7	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and ((row near3 voltage) and (column near3 voltage))) and unipolar	USPAT; DERWENT	2004/01/16 17:36
-	221	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and DC	USPAT; US-PGPUB; DERWENT	2004/01/16 17:53
-	139	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and DC	USPAT; DERWENT	2004/01/16 17:53
-	65	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and DC near2 voltage	USPAT; DERWENT	2004/01/16 17:55
-	8	((cholesteric bistable) near3 (display)) and (LCD (liquid near2 crystal near3 display))) and DC near2 voltage and (row near2 voltage) and (column near3 voltage)	USPAT; DERWENT	2004/01/16 17:56
-	337	bistable near5 driving	USPAT; US-PGPUB; DERWENT	2004/01/16 18:32
-	67	(bistable near5 driving) and display.ab.	USPAT; US-PGPUB; DERWENT	2004/01/16 18:32
-	55	(bistable near5 driving) and display.ab.	USPAT; DERWENT	2004/01/16 18:32
-	200430	(voltage near3 (select\$3 fixed level))	USPAT; DERWENT	2004/01/16 18:33
-	27	((bistable near5 driving) and display.ab.) and ((voltage near3 (select\$3 fixed level)))	USPAT; DERWENT	2004/01/16 18:38
-	0	((bistable near5 driving) and display.ab.) and ((voltage near3 (select\$3 fixed level)))) and (voltage near2 divid\$4)	USPAT; DERWENT	2004/01/16 18:34
-	16	((bistable near5 driving) and display.ab.) and ((voltage near3 (select\$3 fixed level)))) and divid\$4	USPAT; DERWENT	2004/01/16 18:34



-	21	(((bistable near5 driving) and display.ab.) and ((voltage near3 (select\$3 fixed level)))) and ((two second) near3 (voltage))	USPAT; DERWENT	2004/01/16 18:39
-	10	(((bistable near5 driving) and display.ab.) and ((voltage near3 (select\$3 fixed level)))) and ((two second) near3 (voltage))) and (unipolar DC)	USPAT; DERWENT	2004/01/16 18:39